

**UHER**<sup>®</sup>  
*by* martel

PROFESSIONAL  
PORTABLE  
STEREO



4400 REPORT STEREO

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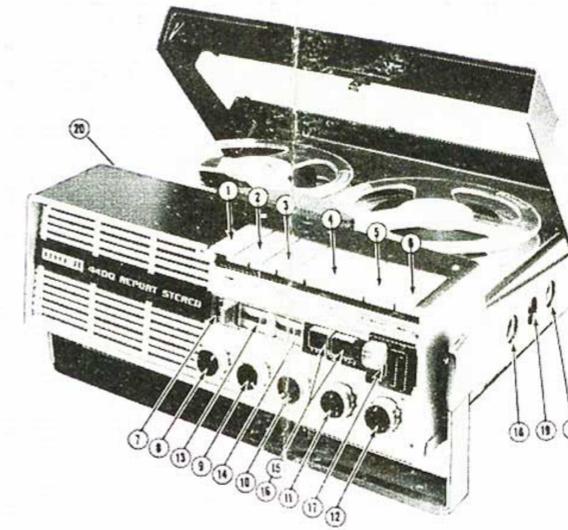
THE THIRD DIMENSION OF SOUND . . . at your fingertips . . . opening the door to the fourth dimension and the 21st century. The UHER 4400 professional stereo portable battery and AC operated tape recorder has been engineered to meet the most rigid standards for quality, dependability, versatility — and all in full stereo. Built on the basic design of the world famous UHER 4000L which has become the standard recorder for the broadcast industry, the model 4400 steps into a particular niche in the first family of UHER tape recorders.

The full research and development facilities of the UHER factory have combined to produce this unique UHER 4400 . . . and its reproductive capabilities are limitless.

Inside the home, used in conjunction with the finest component system, magnificent stereo or monaural record and playback is possible. Outside the home, the 4400 is instantly convertible to a battery operated portable recorder which will make stereo or monaural field recording routine for the professional user and simple for the sophisticated amateur. For those who require extended record and playback time, use of the 4400 monaurally on all four tracks at 15/16 ips with long play tape will give the user 25½ hours to a single reel of tape.

THE BIG 4 RECORDER . . . four tracks, four speeds, four purpose, the UHER 4400 for you.

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### OPERATING FEATURES

1, Rewind Key. 2, Start Key. 3, Pause Key. 4, Stop Key. 5, Record Key. 6, Fast Forward Key. 7, Index Counter. 8, Volume Control. 9, Ch. 1 Record Level/Meters Illumination. 10, Ch. 2 Record Level/Battery Condition Test. 11, Ch. 1 Mic Input. 12, Ch. 2 Mic Input. 13, Ch. 1 VU Meter. 14, Ch. 2 VU Meter. 15, Track 1 & 4 Selector. 16, Track 2 & 3 Selector. 17, Speed Selector. 18, Line Input & Output. 19, Earphone Output Channel 1. 20, Earphone Output Channel 2. 21, Power & Remote Control Jack.

### SPECIFICATIONS

Tape Speeds	15/16, 1⅞, 3¾, & 7½ ips	Power Capabilities	5 nickel-cadmium batteries "Dryfit" rechargeable battery 110-250-v AC Power supply 6 & 12 volt auto cables 5 D-size flashlight batteries
Maximum Reel Size	5 inches	Record Inputs	Microphone(s) 2000 ohms Radio 47k ohms Phono 1 megohm
Frequency Response	40-4500 cps @ 15/16 ips 40-10000 cps @ 1⅞ ips 40-17000 cps @ 3¾ ips 40-20000 cps @ 7½ ips	Bias Osc. Frequency	67 kcps
± 2 db at all speeds		Rec/Playback Equalization	NARTB
Signal to Noise Ratio	50db	Input Sensitivity	Microphone —.1 mV Radio —1 mV Phono —4 mV
Wow & Flutter	± 0.10% rms @ 7½ ips (Audible frequencies only)	Recording Heads	Combi head, 3 micron gap
Heads	Standard 4 track stereo record/play and erase	Motor	Commutatorless type, synchronized by an 8 transistor speed control circuit.
Transistor Complement	25 Transistors, 5 Diodes	Drive	Capstan
Index Counter	3 digit	Speakers	4 ohm
Power Output	1 watt — 4 ohm	Operating Positions	Any
Controls	Rewind, start, pause, stop, record, fast forward, track selector, volume, record level channel 1/ VU meters illumination, record level channel 2/battery condition test.	Size	11 x 9 x 3½ inches
		Weight	8 lbs.

### RECOMMENDED ACCESSORIES

121	Transistorized Mixer, Hi-Lo Imp., includes cable	\$140.00	817	Akustomat for voice control	45.00
MD405-L	Sennheiser Deluxe Diminutive Cardioid Microphone with built-in windscreen and locking type start/stop switch, 60-16000 cps.	60.00	Z514	Molded Carrying Case	40.00
422	Dia-Pilot, synchronizes with automatic slide projectors	70.00	880-M	AC Power Unit & Battery Charger for use with nickel-cad- mium batteries (100, 130, 150, 220, or 250 volts, 50 or 60 cycle)	30.00
433	Rechargeable Battery	20.00	881	Battery Charger, (operates from 6v car lighter socket)	25.00
506	Stand for 514 microphone	5.00	882	Battery Charger, (operates from 12v car lighter socket)	25.00
M514	Dynamic Microphone with voice/music switch, built-in windscreen, 70-14000 cps.	50.00	1026	Attache Case, compartment for accessories	22.00
533	Set of 5 nickel-cadmium rechargeable batteries	40.00	1069-L	Attache Case with concealed microphone	55.00
HD110/S	Professional Stereo Headphones	66.00	106GA	Gain Amplifier for use with 4000L or 1069L	25.00
686	Hand operated Remote Control (stop/start)	7.00	USA33	Stereo Input/Output Cable	5.50
696	Foot operated Remote Control (stop/start)	17.00	USA-12	External Speaker Cable	3.50
802	Telephone Pickup	9.00	USA-20L	16 ft. Microphone Extension Cable	12.00
802-S	Special Custom Telephone Adapter	12.00	USK-662	Car Battery Cable for 6 & 12 volts	13.00
			USK-521	Audio Cable to record from auto radio	13.00

Because of the UHER/MARTEL program of continuous development and improvement, the specifications shown are subject to change without notice, and without incurring any obligation to make such changes in tape recorders previously manufactured.

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EXCLUSIVE AGENTS FOR THE UNITED STATES

**martel**

LOS ANGELES: 2339 SOUTH COTNER, NEW YORK CITY:  
1199 BROADWAY CHICAGO: 5415 NORTH LINCOLN AVE.